

LIST OF CURRENT CLAIMS

1. (Currently Amended) A value document, comprising a value document substrate and at least two different feature substances for enabling checking of the authenticity of the value document, ~~including~~ comprising a first feature substance that is incorporated into and distributed uniformly throughout ~~within~~ the volume and substance of the substrate of the value document, and a second feature substance that is formed by a luminescent substance which is provided on the value document substrate in the form of a coding, said coding also enabling value recognition of the document, wherein the first feature substance ~~is distributed substantially uniformly within the volume and substance of the value document substrate, and~~ comprises a mixture of luminescent substances having a complex spectral distribution, said complex spectral distribution providing by its spectral characteristics a coding by the form of the emission and/or excitation spectra of the mixture.

2. (Canceled).

3. (Previously Presented) The value document according to claim 1, wherein a third feature substance is provided on the value document substrate, which is different from the first and second feature substances.

4. (Previously Presented) The value document according to claim 3, wherein one of the third feature substance is formed by at least one of a luminescent substance and a mixture of luminescent substances.

5. (Previously Presented) The value document according to claim 1, wherein at least one of the feature substances is formed on the basis of a host lattice doped with rare earth elements.

6. (Previously Presented) The value document according to claim 1, wherein the coding of the second feature substance extends over a predominant part of a surface of the value document.

7. (Previously Presented) The value document according to claim 1, wherein the coding

provided by the second feature substance is a bar code.

8. (Canceled).

9. (Previously Presented) The value document according to claim 1, wherein the value document substrate comprises a printed or unprinted cotton paper.

10. (Previously Presented) The value document according to claim 1, wherein the value document substrate comprises a printed or unprinted plastic film.

11. (Previously Presented) The value document according to claim 1, wherein the second feature substance is printed on the value document substrate.

12. (Previously Presented) The value document according to claim 1, wherein the substrate is paper formed from a moist paper web during its production, and the second feature substance is applied to the moist paper web in the form of the coding during papermaking.

13. (Previously Presented) The value document according to claim 3, wherein the third feature substance is provided on the value document substrate in the form of a coding.

14. (Previously Presented) The value document according to claim 1, wherein the third feature substance is printed on the value document substrate together with a printing ink in the form of a printed image.

15. (Currently Amended) A method for producing a value document according to claim 1, comprising the steps: incorporating the first feature substance ~~into~~ distributed uniformly throughout the volume and substance of the value document substrate, and applying the second feature substance to the value document substrate in the form of a coding.

16. (Previously Presented) The production method according to claim 15, wherein the second feature substance is printed on the value document substrate.

17. (Previously Presented) The production method according to claim 15, wherein the

value document substrate is formed by a printed or unprinted cotton paper formed from a moist paper web during its production, and the second feature substance is sprayed onto the moist paper web during papermaking.

18. (Previously Presented) The production method according to claim 15, wherein third feature substance is applied to the value document substrate.

19. (Previously Presented) The production method according to claim 18, wherein the second and third feature substances are applied to the value document substrate as a mixture.

20. (Previously Presented) The production method according to claim 18, wherein the third feature substance is printed on the value document substrate together with a printing ink in the form of a printed image.

21. (Currently Amended) A method for checking or processing a value document according to claim 1, comprising the steps: checking the authenticity and value of the value document by checking the authenticity of the value document by using a coding obtained by at least one spectral characteristic property in the form of the emission and/or excitation spectra of either or both the first feature substance and the luminescent substance of the second feature substance, and using the coding formed by the luminescent substance of the second feature substance for carrying out value recognition of the value document.

22. (Currently Amended) The method according to claim 21, wherein at least one spectral characteristic property of the first feature substance is used for checking the authenticity of the value document, and the coding provided ~~formed~~ by the first feature substance is used for the value recognition of the value document, by a user of a first user group.

23. (Previously Presented) The method according to claim 22, wherein at least one spectral characteristic property of the luminescent substance of the second feature substance is used for checking the authenticity of the value document, and the coding formed by the luminescent substance of the second feature substance is used for the value recognition of the value document, by a user of a second user group.

24. (Previously Presented) The method according to claim 23, wherein at least one spectral characteristic property of at least one of the first and a third feature substance that is different from the first and second feature substance is used for checking the authenticity of the value document, and the coding formed by the first feature substance is used for the value recognition of the value document, if the user belongs to the first user group, and at least one spectral characteristic property of the second feature substance is used for checking the authenticity of the value document, and the coding formed by the second feature substance is used for the value recognition of the value document, if the user belongs to the second user group.

25. (Previously Presented) The method according to claim 24, wherein, for the authenticity check or value recognition by a user of the first user group, the first feature substance is irradiated with radiation from its excitation range, the emission is determined at least one wavelength from the emission range of the first feature substance, and the check of at least one of authenticity and the value recognition is carried out on the basis of the determined emission.

26. (Previously Presented) The method according to claim 25, wherein for the authenticity check or value recognition by a user of the second user group the second feature substance is irradiated with radiation from its excitation range, the emission is determined at at least one wavelength from the emission range of the second feature substance, and the check of at least one of authenticity and the value recognition is carried out on the basis of the determined emission.

27. (Previously Presented) The method according to claim 26, wherein at least one of the first and second feature substance is irradiated with at least one of visible and infrared radiation, and the emission of the irradiated feature substance is determined in the infrared spectral range.

28. (Previously Presented) The method according to claim 25, wherein the irradiation is performed with a light-emitting diode or laser diode.

29. (Previously Presented) The value document according to claim 3, wherein the third

feature substance is provided as a printing.

30. (Previously Presented) The value document according to claim 6, wherein the coding extends over substantially the total surface of the value document.

31. (Canceled).

32. (Previously Presented) The value document according to claim 13, wherein the third feature substance is provided as a printing.

33. (Previously Presented) The production method according to claim 18, wherein the third feature substance is applied by printing.

34. (Previously Presented) The production method according to claim 19, wherein the second and third feature substances are applied to the value document substrate as separate substances.